DATASHEET
FUJITSU ESPRIMO MOBILE D9510 NOTEBOOK

MOBILE POWER FOR YOUR REQUIREMENTS

ESPRIMO MOBILE D9510

Do you require constant access to your data and an ergonomic display? The ESPRIMO Mobile D9510 is ready for any challenge thanks to its state-of-the-art Intel® Centrino® 2 processor technology. The 39.1 cm (15.4-inch) display enable ergonomic working, whether you are in the office or travelling. Connectivity is ensured via a large number of interfaces and optional UMTS/HSDPA. With its new clear-line design the ESPRIMO Mobile D9510 fits perfectly into your office environment.

ERGONOMIC WORKING

Relaxed easy working throughout the day.

- 39.1 cm (15.4-inch) WXGA or WXGA+ display, ergonomic keyboard with touchpad and optional touchstick

MAXIMUM CONNECTIVITY

Top performance, connectivity and a selection of classic and new interfaces enable constant data access and high-level productivity.

- Intel® Centrino® dual processor technology, parallel and serial interface, E-SATA, optional WLAN, Bluetooth, UMTS

LONG-TERM AVAILABILITY

Suit your systems to your requirements, even during a long “roll-out” phase.

- Freely-configurable entry notebook with reliable product availability of 12 to 18 months

GREAT FLEXIBILITY

The family concept offers standardized accessory components for the ESPRIMO Mobile U, M, D, X series.

- Standardized port replicator, power supply unit and modular bay for optical drive, second battery or second hard disk

MAXIMUM SECURITY

Protect your company data against unauthorized third-party access.

- Computrace® enabled BIOS, integrated SmartCard reader, optional TPM module and SmartCase Logon+

ENERGY STAR

Green IT

BEST CONNECTIVITY

SYSTEM GUARDS

ULTIMATE SECURITY

FAMILY CONCEPT

2ND BATTERY

FULL SET OF INTERFACES

INFORMATION DISPLAY

CONFCAM

TWINLOAD

COMPONENTS

PROCESSOR	Intel® Core™2 Duo processor T9600 (2.8 GHz, 6 MB, 1066 MHz)
	Intel® Core™2 Duo processor P8800 (2.66 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo processor P8700 (2.53 GHz, 3 MB, 1066 MHz)
	Intel® Celeron® processor 585 (2.16 GHz, 1 MB, 667 MHz)
MEMORY MODULES	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	1 GB (1 module(s) 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
Turbo memory	Optional 4 GB
Supported capacity RAM (max.)	4 GB
Memory slots total	2
Memory slot type	DIMM (DDR3)
Memory notes	8 GB - with future memory modules.
HARD DISK DRIVES (INTERNAL)	320 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, FDE-4, 2.5-inch S.M.A.R.T.
	160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
WLAN (OPTIONAL)	Atheros Minicard b/g 802.11 b/g
	Intel® Wireless WiFi Link 5300 AGN 11/13ch
WIRELESS TECHNOLOGIES	
Antennas	3 Dual band WLAN antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.
UMTS/HSUPA (OPTIONAL)	Option GTM 382 (downlink 7.2 Mbit/s, uplink 2.0 Mbit/s)
DISPLAY	39.1 cm (15.4-inch); TFT; (WXGA+); anti-glare display
	39.1 cm (15.4-inch); TFT; (WXGA); anti-glare display
	39.1 cm (15.4-inch); TFT; (WSXGA+); anti-glare display
BLUETOOTH (OPTIONAL)	Bluetooth 2.1
MODULAR BAY OPTIONS	2nd battery
	2nd hard disk drive
	DVD Super Multi
	Weight saver
Base unit	ESPRIMO Mobile D9510
GENERAL SYSTEM INFORMATION	
Chipset	Intel® GM45, ICH 9-M
Intel plattform	Intel® Centrino® technology
BIOS features	BIOS based on Phoenix TrustedCore Notebook
GRAPHICS	
Max. resolution external display	1920 x 1200 / true color / 60 Hz
Graphics brand name	Mobile Intel® GMA 4500M HD
Graphics features	DualView (Windows® XP & Windows® Vista)
INTERFACES	
Memory card slots	1 (SD/MMC/MS/MSPro/XD)
ExpressCard slots	1
PC Card slot (Type I/II)	1

INTERFACES	
SIM card slot	1
Modem (RJ-11)	Optional
USB 2.0 total	4 (3x USB 2.0, 1x eSATA & USB port)
FireWire (IEEE1394)	1
Serial (RS-232)	1
Parallel	1
VGA	1
Ethernet (RJ-45)	1
DC-in	1
Audio: line-in / microphone	1
Audio: line-out / headphone	1
Internal microphones	2
Docking connector for Port Replicator	1
Kensington Lock support	1
WIRED COMMUNICATION	
Modem type	Optional: 56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Intel® 82567 LF
KEYBOARD AND POINTING DEVICES	
	Spill-resistant keyboard
	Number of keyboard keys: 86, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
	Touchpad with two mouse buttons Second set of mouse buttons Application buttons
INPUT DEVICES (OPTIONAL)	Optional: TouchStick
MULTIMEDIA	
Audio type	On board
Audio codec	Realtek ALC262
Audio features	Stereo speakers, Internal microphone (array)
Camera	Optional: Built-in webcam, 1.3 megapixel, VGA camera
POWER SUPPLY	
AC adapter	20 V / 90 W (4.5 A)
Rated voltage range	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz
1st battery	Li-Ion battery 6-cell, 5200 mAh, 57 Wh
2nd battery (optional)	Li-Ion 6 cell, 3800 mAh, 40 Wh
Battery features	Dynamic charge supported (rapid charge)
Runtime 1st battery	up to 5:30 h
Runtime 1st + 2nd battery	up to 9:30 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
POWER CONSUMPTION	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=1c9e5ef4-7e08-4b64-a14a-d6d1c1f931b3
DIMENSIONS / WEIGHT / ENVIRONMENTAL	
Dimensions (W x D x H)	363 x 260 x 38 mm
Weight	2.7 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 85 % (running)

OPERATING SYSTEM	
Operating system optional preinstalled	Microsoft® Windows® 7 Professional 32-bit Microsoft® Windows Vista® Business 32-bit Microsoft® Windows Vista® Home Basic 32-bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Microsoft® Windows® XP Professional
Operating system notes	Driver support for Microsoft® Windows® XP
ADDITIONAL SOFTWARE	
Additional software (preinstalled)	Adobe Acrobat Reader Camera EasyGuide online user documentation Nero Essentials (burning software) Norton Internet Security (incl. Firewall) Drivers & Utilities DVD (DUDVD) Toshiba Bluetooth Stack (only with Windows Vista® or Windows® XP operating systems) Mobile Software Suite: Application Button Utility Wireless Selector Utility ShockSensor Utility Fan Control Utility Power Saving Utility
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) DVD playback software
MANAGEABILITY	
Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	PXE BootP (made4you) WMI
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html
SECURITY	
Physical security	Kensington Lock support
System security	Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)
User security	Hard disk password User and supervisor BIOS password Separate SmartCard slot SystemLock 2 BIOS SmartCard Security Integrated Fingerprint Sensor (for projects only)
COMPLIANCE	
Germany	GS
Europe	CE CE!
USA/Canada	FCC Class B (depending on wireless configuration) UL cUL

COMPLIANCE	
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) ENERGY STAR® 5.0 Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

PORTREPLICATOR INTERFACES (OPTIONAL)	
DC-in	1
Power on switch	1
Headphones	1
Audio: microphone in	1
USB 2.0 total	4
VGA	1
DVI	1, DVI-D single link, maximal resolution 1920 x 1200 pixel (WUXGA)
Serial (RS-232)	1
Mouse / Keyboard (PS/2)	1
Ethernet (RJ-45)	1
Parallel	1
Kensington Lock support	2
eSATA	1

WARRANTY	
Standard Warranty	1 year
Service level	Collect & Return Service / Bring-In Service (depending on country)

MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION	
Recommended Service	3 years, On-site Service
Spare Parts availability	5 years
Service Weblink	htttp://ts.fujitsu.com/Supportservice

FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu ESPRIMO Mobile D9510, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach,Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructureas-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu ESPRIMO Mobile D9510, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/mobile

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

COPYRIGHTS

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.
Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.
For further information see http://ts.fujitsu.com/terms_of_use.html
Copyright © Fujitsu Technology Solutions

DISCLAIMER

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner

CONTACT
FUJITSU Technology Solutions
Website: http://ts.fujitsu.com
2010-01-07 CE-EN